

For Research Use Only

# CALCA/CGRP Polyclonal antibody

Catalog Number: 22244-1-AP



## Basic Information

Catalog Number:

22244-1-AP

Size:

2500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17737

GenBank Accession Number:

BC093753

GeneID (NCBI):

796

UNIPROT ID:

P06881

Full Name:

calcitonin-related polypeptide alpha

Calculated MW:

141 aa, 15 kDa

Observed MW:

14 kDa, 5 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : TT cells, Transfected HEK-293 cells

IP : TT cells,

## Background Information

Calcitonin gene-related peptide (CGRP) is a 37-amino acid neuropeptide, which is primarily localized to C and A  $\delta$  sensory fibers. These fibers display a wide innervation throughout the body, with extensive perivascular localization, and have a dual role in sensory (nociceptive) and efferent (effector) function. Discovered 30 years ago, it is produced as a consequence of alternative RNA processing of the calcitonin gene. CGRP has two major forms (  $\alpha$  and  $\beta$  ).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

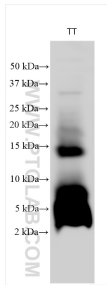
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

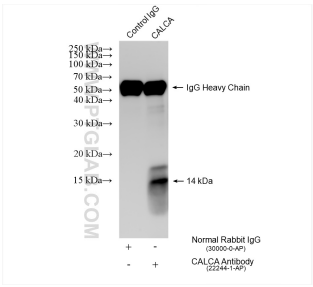
W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



TT cells were subjected to SDS PAGE followed by western blot with 22244-1-AP (CGRP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-CALCA/CGRP (IP:22244-1-AP, 4ug; Detection:22244-1-AP 1:600) with TT cells lysate 945 ug.